

CAPSTONE: SEA SCANNERS

MINUTES OF FIRST CLIENT MEETING

A virtual meeting of the Sea Scanners team along with project instructors/advisors Dr. Feng Li and Dr. Herbert Hess and client Mr. Patrick Molvik was held on Thursday October 1, 2020 over the Zoom conference platform. Ethan Morris was the designated recorder.

The meeting began at 3:58 p.m. (PST).

Attendance was noted. All present members are listed below.

The Sea Scanners team had a Q&A with the client on the project

- Due to COVID, there will not be any site visits at the present time.
 - We can setup either a virtual site visit or client will send us video files and pictures of the site.
- Client will send the team the dimensions and weight of the antenna that is being controlled but it is estimated the antenna weighs 5lbs.
- The specific GPS equipment is a Trimble DGPS that uses NMEA GGS messages
- The onshore antenna is in a fixed position
 - Client will send GPS coordinates
- The antenna will be mounted 2 stories above the main barge deck
- We will need to attach a power chord to the system that will run to the barge's outlet panel

Mr. Molvik left the meeting at 4:10 p.m. (PST)

There was a review of Snapshot Day #1 with Dr. Li

- The team needs to properly define the project (goals, deliverables, theory ideas, etc.)
- Presentation length is not necessarily defined
 - Will most likely have open discussion Q&A
- Use PowerPoint for presentation
 - Could also see about sharing pdf of slides to the audience via Zoom chat

Questions on Snapshot were brought up

- Not too much detail is needed for first snapshot due to the lack of details on the project thus far. It's more to show that we've begun working and thinking on the project.

The instructor meeting was virtually adjourned at 4:24 p.m. (PST).

Respectfully Submitted,

Steven Haener
Member of the Sea Scanners Team

Members Present:

Sea Scanners Team
Dr. Feng Li
Dr. Herbert Hess
Mr. Patrick Molvik CIV USN